

**BRAKE SYSTEM WITH DISTRIBUTED ELECTRONIC
CONTROL UNITS RESPONSIVE TO SENSOR INPUT**

Abstract of the Disclosure

An electrically controlled braking system includes a plurality of brake components, at least one vehicle performance sensor, a central control unit receiving sensor signals from the at least one vehicle performance sensor and generating central control signals for controlling the plurality of brake components based on the received sensor signals, and a distributed electronic control unit receiving sensor signals from the at least one vehicle performance sensor and generating local control signals for controlling less than all of the plurality of brake components based on the received sensor signals.

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